

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008941.D
 Acq On : 13 Apr 2019 18:52
 Operator : JC/SP
 Sample : K2385-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-190410

Quant Time: Apr 15 04:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

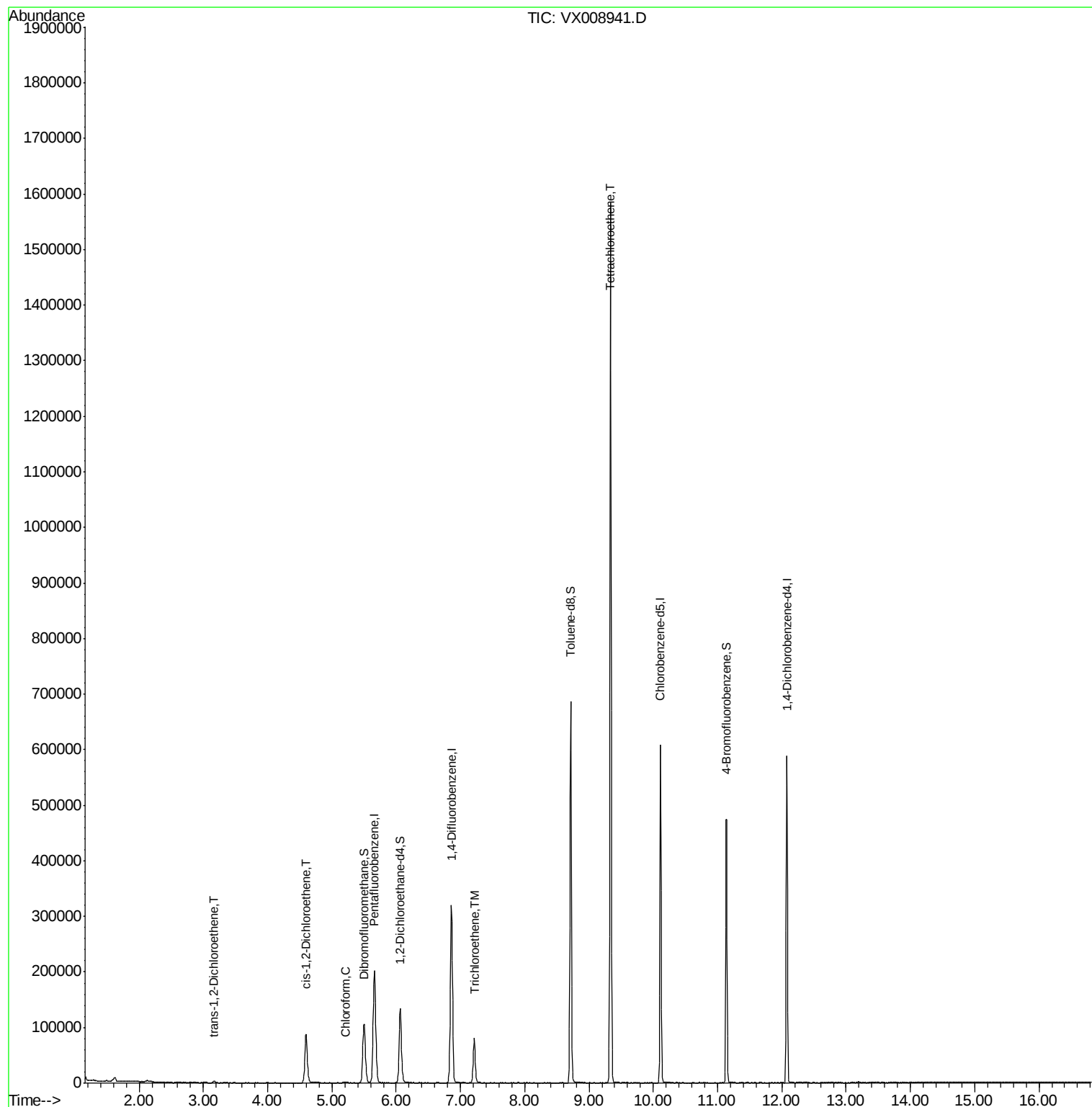
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126373	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	92788	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	8.71	98	388758	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	129644	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1004	0.409	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	54705	19.401	ug/l	88
30) Chloroform	5.21	83	1772	0.401	ug/l	96
44) Trichloroethene	7.21	130	31219	13.207	ug/l	95
64) Tetrachloroethene	9.34	164	306739	152.642	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

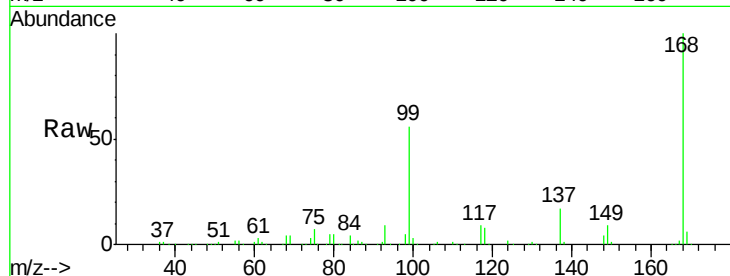
M-14-190410

Tot Ion:168 Resp: 196118

Ion Ratio Lower Upper

168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

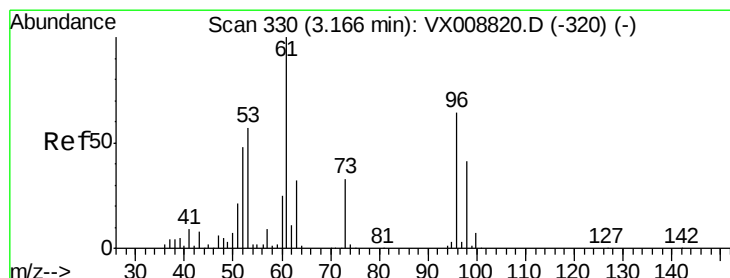
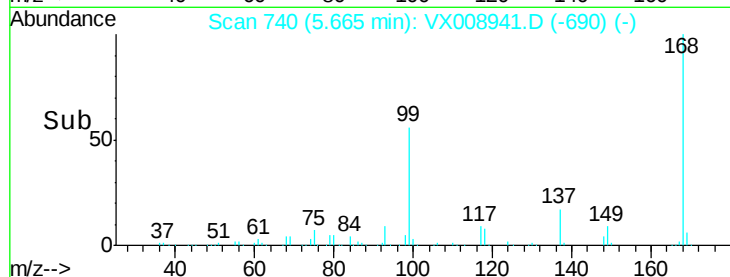
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.409 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

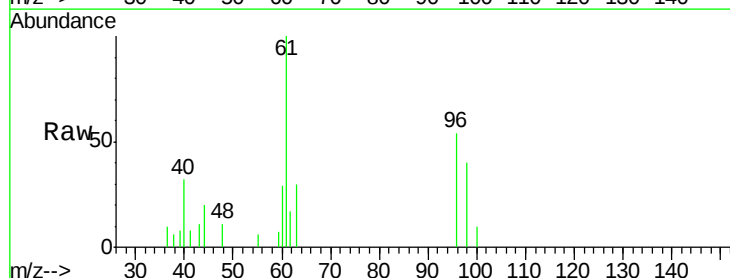
Tgt Ion: 96 Resp: 1004

Ion Ratio Lower Upper

96 100

61 183.7 132.1 198.1

98 74.0 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

600

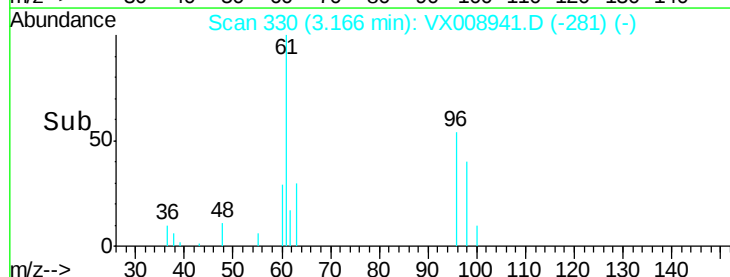
400

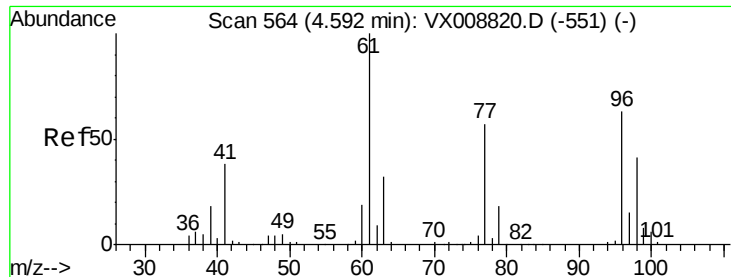
200

0

Time-->

3.10 3.15 3.20



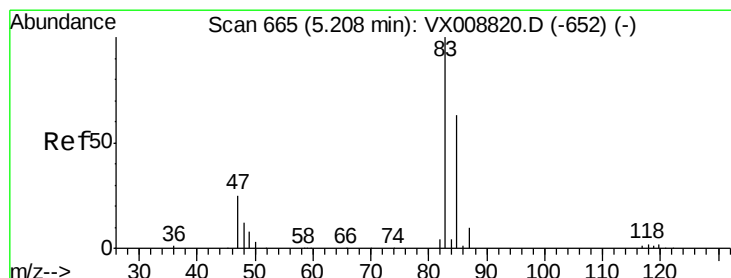
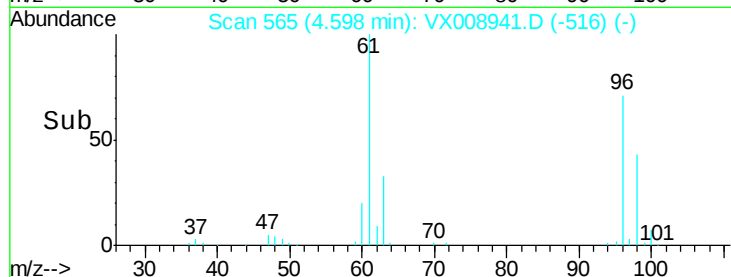
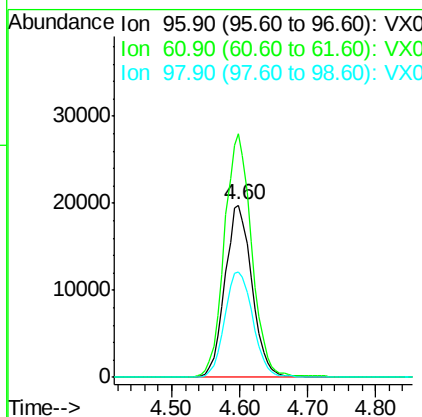
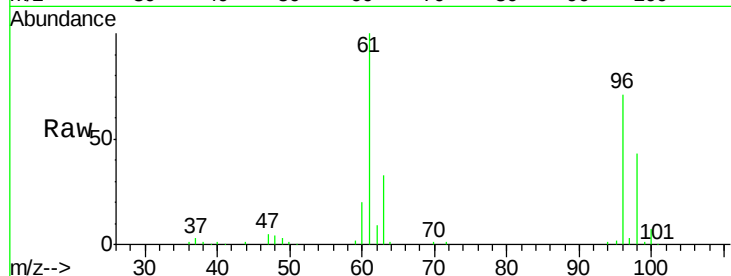


#27

cis-1,2-Dichloroethene
 Concen: 19.401 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008941.D
 Acq: 13 Apr 2019 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-190410

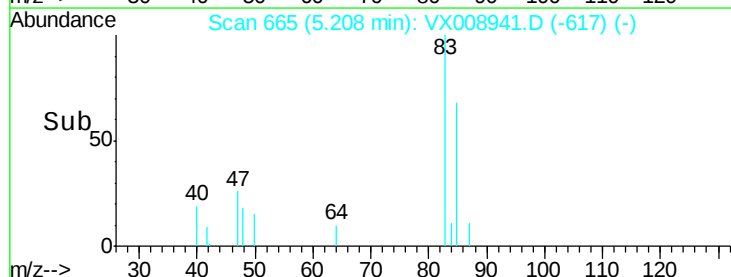
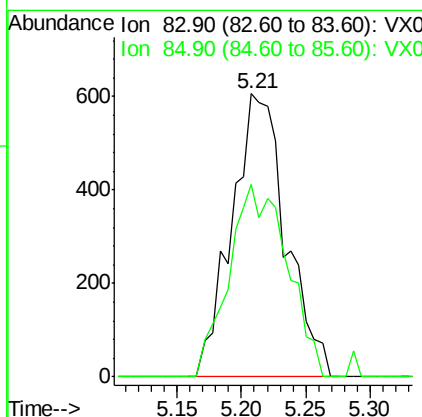
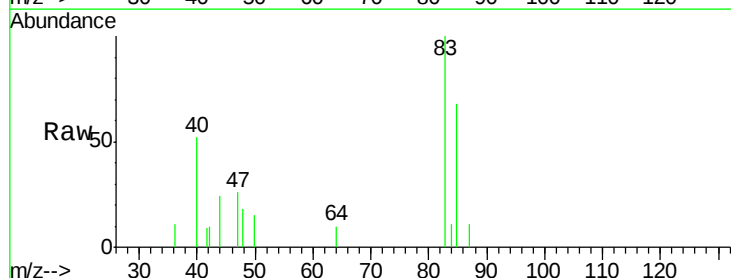
Tot Ion: 96 Resp: 54705
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 327.6
 98 63.8 0.0 128.6

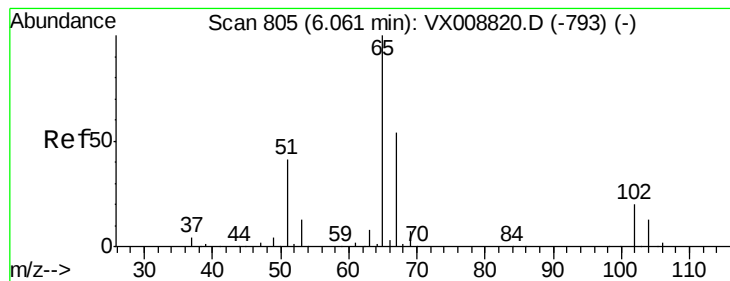


#30

Chloroform
 Concen: 0.401 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: VX008941.D
 Acq: 13 Apr 2019 18:52

Tgt Ion: 83 Resp: 1772
 Ion Ratio Lower Upper
 83 100
 85 68.0 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 44.179 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampled :

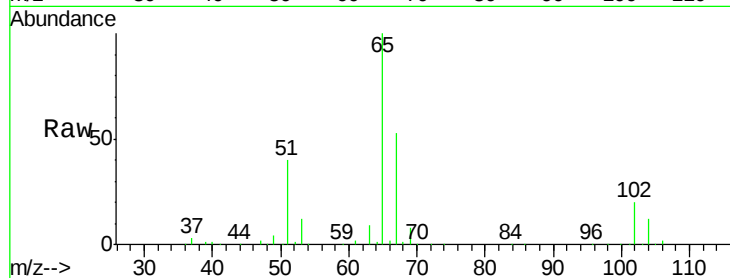
M-14-190410

Tot Ion: 65 Resp: 126373

Ion Ratio Lower Upper

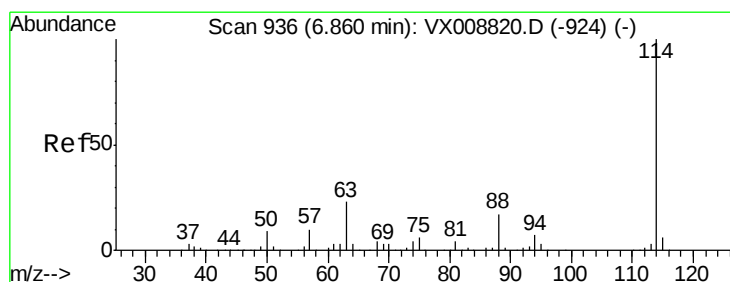
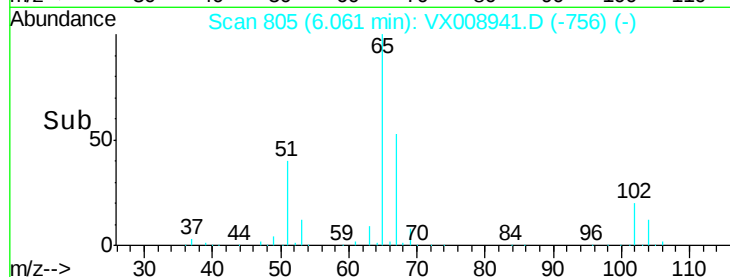
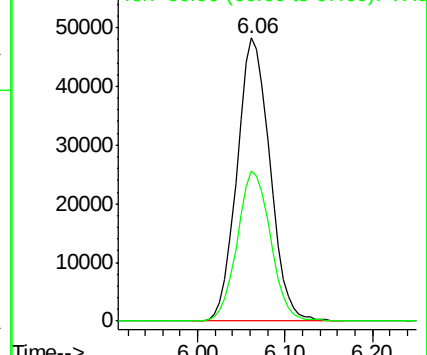
65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

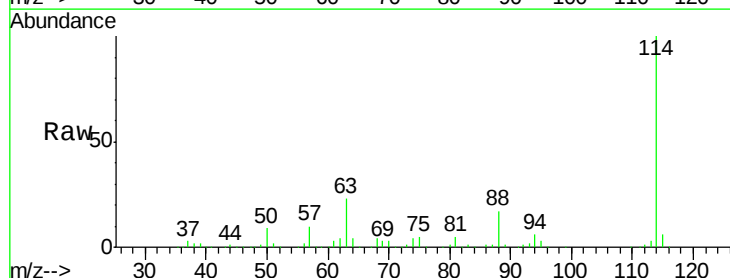
Tgt Ion: 114 Resp: 311662

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.2

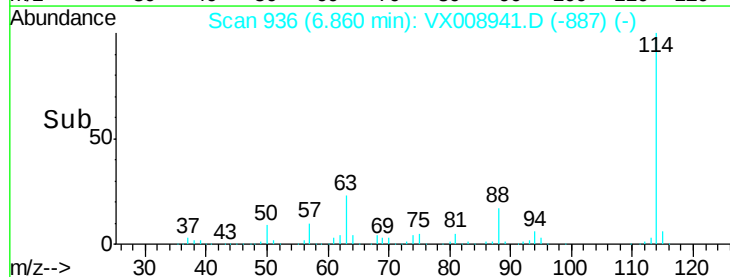
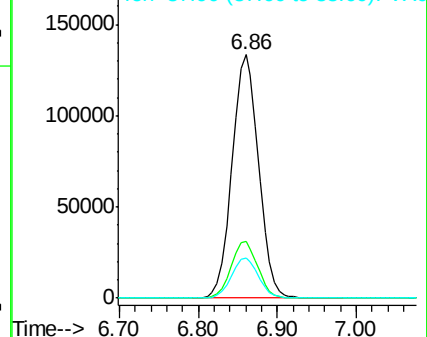
88 16.7 0.0 34.0

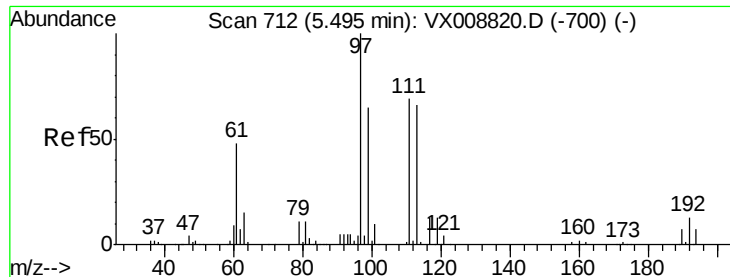


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.565 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampled :

M-14-190410

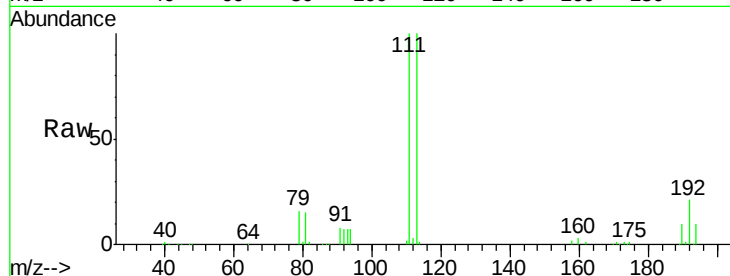
Tot Ion:113 Resp: 92788

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

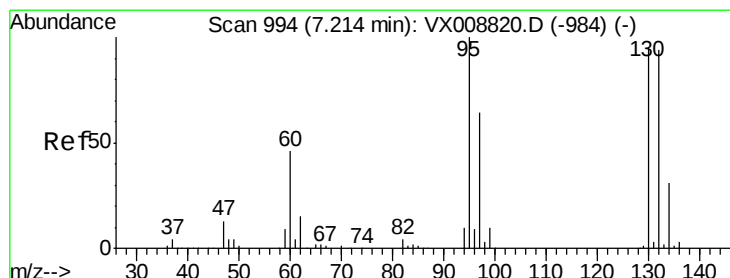
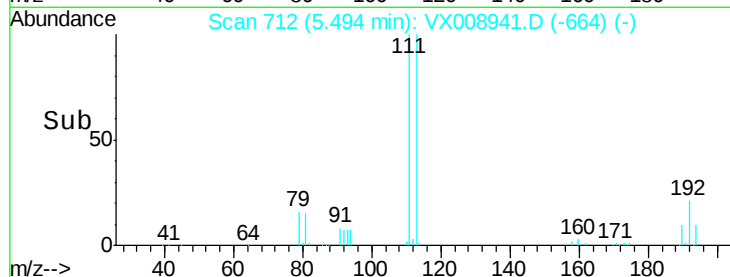
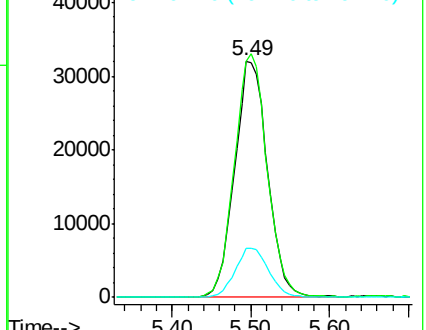
192 21.2 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 13.207 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008941.D

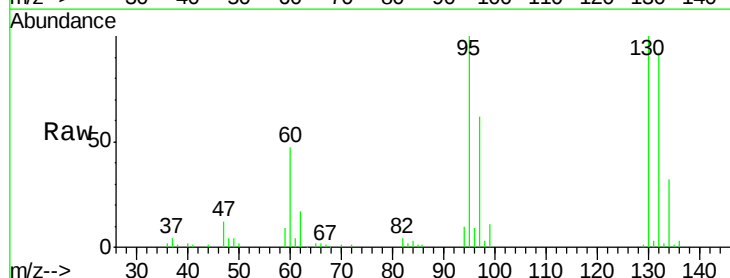
Acq: 13 Apr 2019 18:52

Tgt Ion:130 Resp: 31219

Ion Ratio Lower Upper

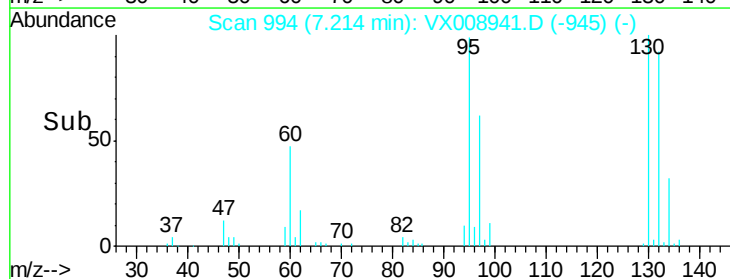
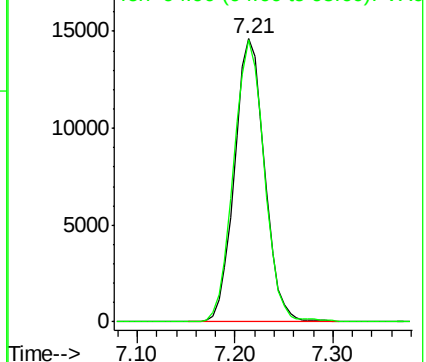
130 100

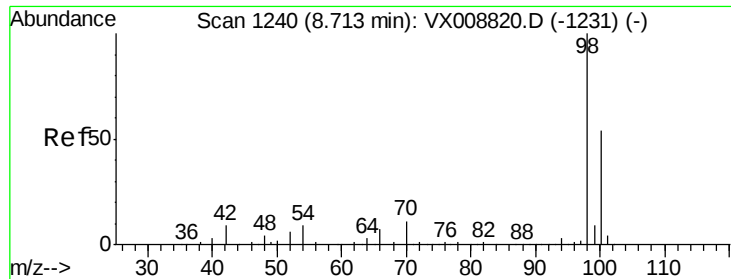
95 99.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.998 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

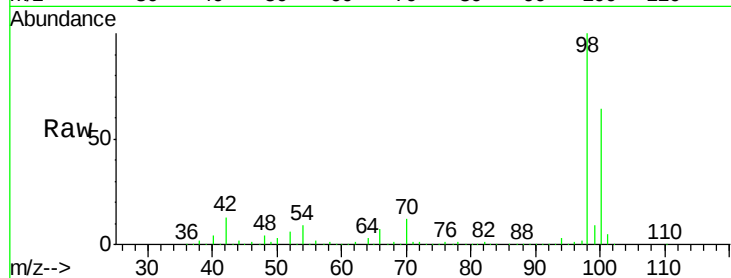
M-14-190410

Tot Ion: 98 Resp: 388758

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

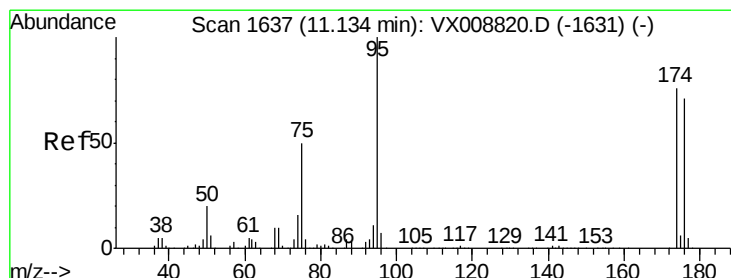
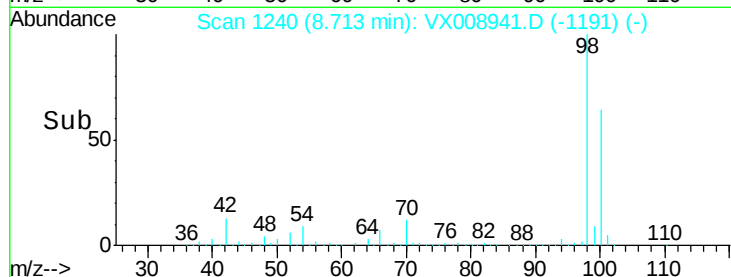
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008941.D

Acq: 13 Apr 2019 18:52

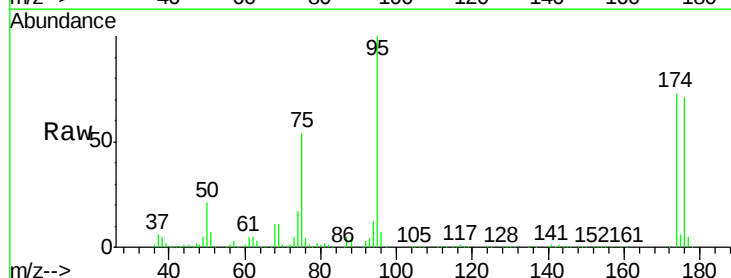
Tgt Ion: 95 Resp: 129644

Ion Ratio Lower Upper

95 100

174 80.1 0.0 151.8

176 77.0 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

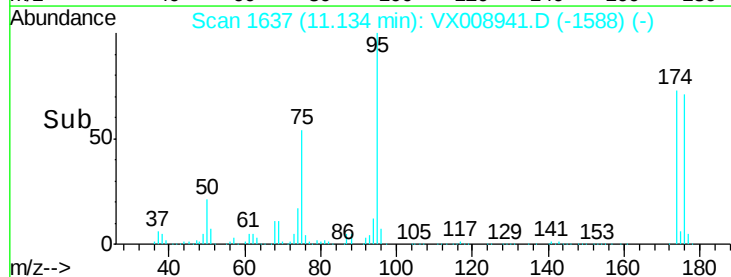
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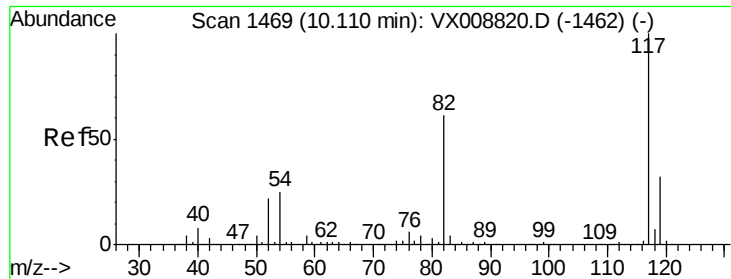
50000

0

Time-->

11.10 11.20

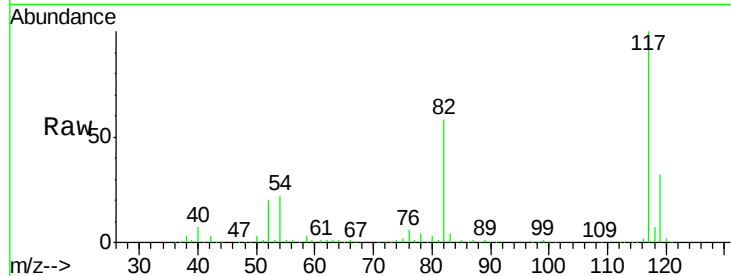




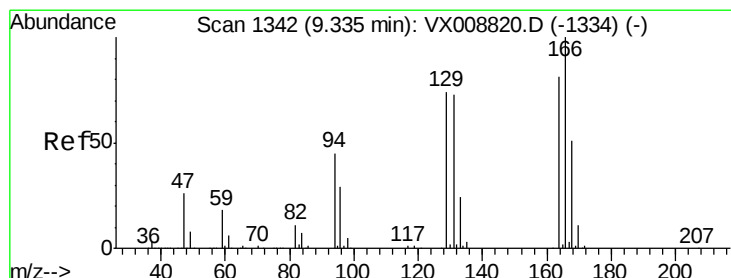
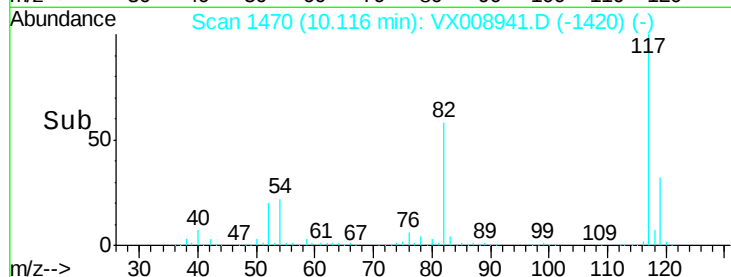
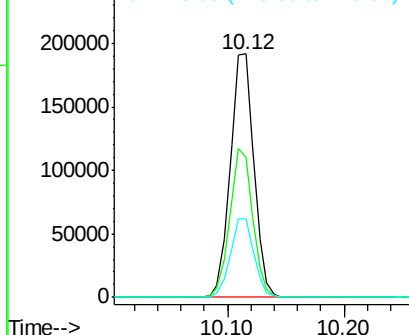
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008941.D
Acq: 13 Apr 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
M-14-190410

Tot Ion:117 Resp: 271231
Ion Ratio Lower Upper
117 100
82 57.5 49.6 74.4
119 32.0 25.0 37.4

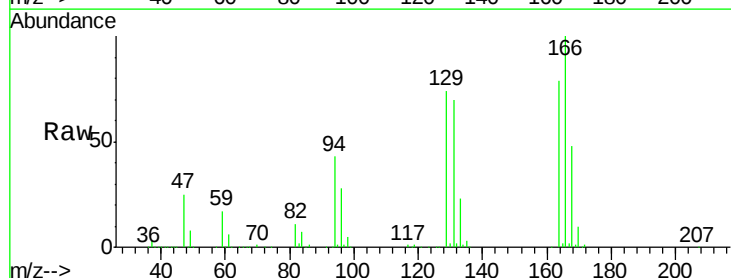


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

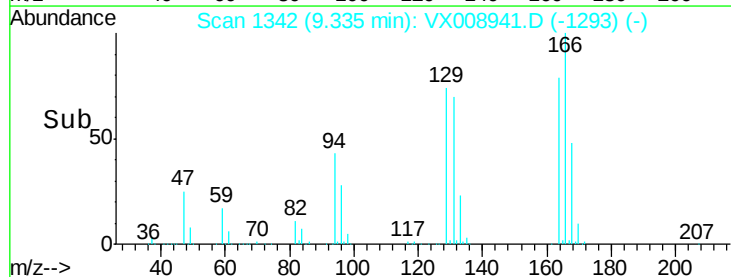
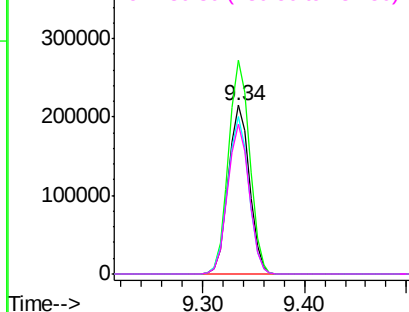


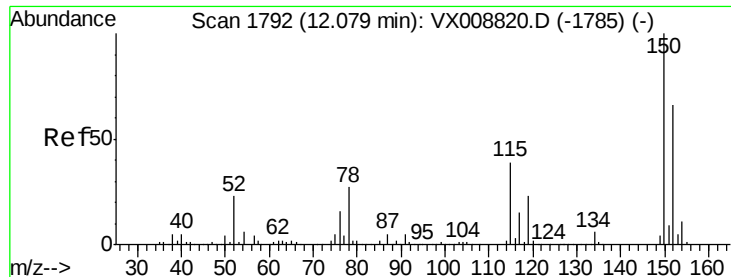
#64
Tetrachloroethene
Concen: 152.642 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008941.D
Acq: 13 Apr 2019 18:52

Tgt Ion:164 Resp: 306739
Ion Ratio Lower Upper
164 100
166 126.8 101.0 151.6
129 93.4 75.8 113.8
131 89.1 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

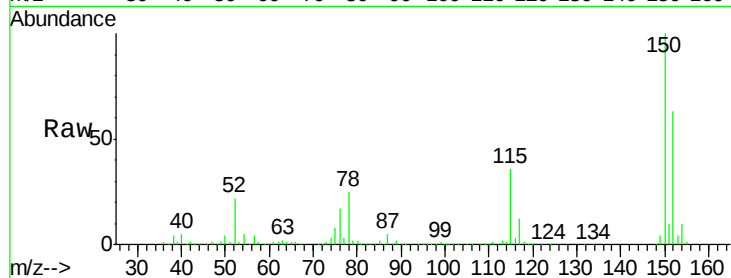




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008941.D
 Acq: 13 Apr 2019 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-190410

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	43.5	130.5
150	156.8	0.0	348.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

